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Appln. No. : 10/712,739
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In the Specification:

Please replace the paragraph 15 at page 4 with the following paragraph:

- -The novel macromolecular materials of this invention, which comprise intermolecularly polymerized dendritic networks containing alternating conjugated double and triple bonds, are useful as chemical and/or biological sensors when one or more chemical and/or biological sensory groups are covalently attached to the dendritic building blocks. The materials of this invention may be prepared by reacting dendritic polymers with a compound having a diacetylene moiety to obtain diacetylene functional dendritic polymers, then effecting intermolecular polymerization of the diacetylene moieties. Sensory groups may be attached to the dendritic polymers prior to ~~intramolecular~~ intermolecular polymerization of the diacetylene moieties. Possible locations for attachment of sensory groups include reactive end-groups of the dendritic polymer, or alternatively the "omega" ends of the "alpha-omega" diacetylene lipids. A schematic representation of a dendritic network sensor with intermolecular polydiacetylene reporter functionality is shown in Fig. 2. The precise location of sensory group attachment is not indicated in this figure.- -

Please replace the paragraph 45 at page 13 with the following paragraph:

- -The network polymers of this invention may be used either as stand-alone materials, or they can be immobilized on solid substrates such as glass, silica gel, silicon, paper, plastic, nitrocellulose, ~~and others from claim 27~~ quartz, metal, wood and cellulose.- -